

III. REMARKS

Claims 2 and 8 were cancelled in that the dimension size was fixed in each device and was only varied for a different application and thus a different device was used. The first tracer-permeable barrier and the second tracer-permeable barrier were set forth in the specification as having fixed dimensions for a particular device. When necessary, these barriers are changed and have different dimensions for different applications. Applicant's claims are intended to cover the use of barriers that does have variable dimensions if one becomes commercially available for their claimed sensor and believes the claims as presently presented do cover the use of such barriers in their sensor. If any other charges or fees must be paid in connection with the following Communication, they may be paid out of our deposit account 12-0913.

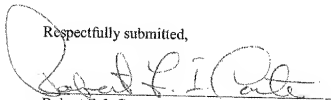
Claims 1-6, 8 and 17-26 have been cancelled.

Claim 7 is patentable over the prior art for reasons set for in our previous response.

Claims 32 to 40 are dependent on claims 7 and patently distinguish over the Revsbach et al 97/46853 reference.

It is submitted that claims 7, 9 - 11, 13 - 16, and 27 - 40 patently distinguish over the Revsbach et al 97/46853 reference and are now in condition for allowance and an early Notice of Allowance is requested.

Respectfully submitted,



Robert F. I. Conte  
Barnes & Thornburg LLP  
P.O. Box 2786  
Chicago, IL 60690  
Phone: 312-214-4804  
Facsimile: 312-759-5646

Attorney for Applicant  
Registration No.: 20,354